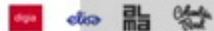




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RELEX CYBERCOM GROUP NITOR



30.8.2021-3.9.2021

# Naman Goel

Rethinking CSS - Introducing  
Stylex



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A CSS-in-JS Library that is....

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# Fast

- Statically generates a CSS file at **compile time**
- Detects and removes **unused styles**
- Uses **atomic styles** for maximum re-usability
- Easily generate **critical styles**
- **Zero-cost abstractions**: pay for only what you





# Familiar

- A simple API inspired by **React Native**
- Declare groups of styles, just like defining **classNames**
- Nested **pseudo-selectors** and **@media queries**

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# Flexible

- Intuitively declare **conditional styles**
- Pass styles between components & **predictably compose** them
- Styles are **typed** and constrained with **Prop types**.
- **No specificity wars** ever!
- Seamlessly generate CSS variables for **dynamic styles**





```
const styles = stylex.create({
  base: {
    position: 'absolute',
    top: 0,
    start: 0,
    end: 0,
    bottom: 0,
  },
  active: {
    position: 'static',
  }
});

<div
  className={stylex(styles.base, isActive && styles.active)}
/>
```



```
<div  
  className="  
    position-abs  
    top-0  
    start-0  
    end-0  
    bottom-0  
  "  
>
```

```
.position-abs {  
  position: absolute;  
}  
.top-0 { top: 0; }  
.start-0 { left: 0; }  
.end-0 { right: 0; }  
.bottom-0 { bottom: 0; }  
.position-st {  
  position: static;  
}
```





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